



**DECLARATION
Utility Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND SYSTEM FOR CONTEXT-SPECIFIC MASK WRITING** the specification of which

(Check One)

☐ is attached hereto OR

☒ was filed on July 14, 2003 as United States Application Serial No. 10/620,285 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/395,415	July 12, 2002

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I

acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	FIRST Name Robert	MIDDLE Initial C.	LAST Name Pack	
	RESIDENCE & CITIZENSHIP	City Foster City	State or Foreign Country California	Country of Citizenship US	
	POST OFFICE ADDRESS	658 Greenwich Lane	City Foster City	State or Country California	Zip Code 94404
INVENTOR'S SIGNATURE <u>Robert C. Pack</u> DATE <u>16 JAN 2004</u>					

202	FULL NAME OF INVENTOR	FIRST Name Louis	MIDDLE Initial K.	LAST Name Scheffer	
	RESIDENCE & CITIZENSHIP	City Campbell	State or Foreign Country California	Country of Citizenship US	
	POST OFFICE ADDRESS	801 Miller Avenue	City Campbell	State or Country California	Zip Code 95008
INVENTOR'S SIGNATURE <u>Louis K. Scheffer</u> DATE <u>7 Jan 2004</u>					

203	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code
INVENTOR'S SIGNATURE _____ DATE _____					

**POWER OF ATTORNEY
By Assignee**

Cadence Design Systems, Inc., assignee(s) of the application for United States Letters Patent for an improvement in

METHOD AND SYSTEM FOR CONTEXT-SPECIFIC MASK WRITING

by: **Robert C. Pack and Louis K. Scheffer**

the specification of which:

- ☐ is filed herewith, OR
☒ was filed on July 14, 2003, having U.S. Patent Application Serial No. 10/620,285.

does hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by:

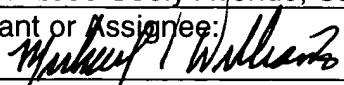
Customer Number 23639

Please direct all inquiries to **Peter C. Mei**, at the above Customer Number.

I, the undersigned, declare that I have reviewed copies of the documentary evidence establishing chain of title to the patent application identified above from the inventor(s) to the assignee(s), which:

- ☒ is filed for recordation herewith; or
☐ was recorded at Reel _____, Frame _____; or
☐ has been sent for recordation under separate cover, copy attached herewith.

To the best of the undersigned's knowledge and belief, title is in the assignee(s) identified above. Furthermore, the undersigned is empowered to sign this document on behalf of the assignee(s).

Full Name of Assignee: Cadence Design Systems, Inc.	
Post Office Address: 2655 Seely Avenue, San Jose, California 95134	
Signature of Declarant or Assignee: 	Date: 1-19-04
Full Name of Declarant If Other Than Assignee: Michael J. Williams	
Title of Declarant: Vice President and Associate General Counsel	
Address of Declarant: 2655 Seely Avenue, San Jose, CA 95134	

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **ROBERT C. PACK** and **Louis K. SCHEFFER**, citizens of the United States of America, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **METHOD AND SYSTEM FOR CONTEXT-SPECIFIC MASK WRITING** for which application for Letters Patent of the United States of America was filed in the U.S. Patent and Trademark Office on **July 14, 2003**, and assigned Serial Number **10/620,285**; and

WHEREAS, **CADENCE DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the state of **DELAWARE** and having its place of business at **2655 Seely Avenue, San Jose, California 95134** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assign, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and

ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Agreement.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof.

WITNESS my hand at SAN JOSE, CA
this 16 day of JAN, 2003.4 RCP


ROBERT C. PACK

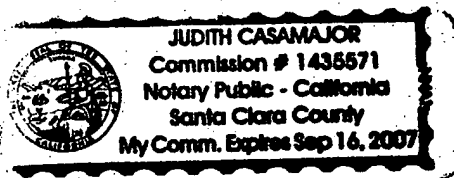
STATE OF CALIFORNIA)
) ss
COUNTY OF SANTA CLARA)

On 1-16-04 before me, Judith Casamajor, personally
appeared Robert C. Pack

☒ personally known to me – **OR-** ☐ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Judith Casamajor
Notary Public



WITNESS my hand at San Jose, CA,
this 7th day of January, 2004 LK

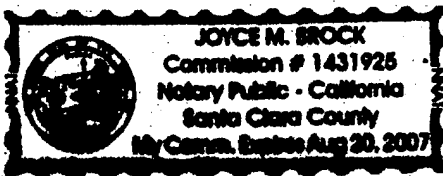
Louis K. Scheffer
LOUIS K. SCHEFFER

STATE OF California)
COUNTY OF Santa Clara) ss

On Jan. 7, 2004 before me, Joyce M. Brock, notary public, personally
appeared Louis K. Scheffer

☐ personally known to me – OR – ☒ proved to me on the basis of satisfactory
evidence to be the person(s) whose name(s) is/are subscribed to the within instrument
and acknowledged to me that he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or
the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Joyce M. Brock
Notary Public